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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/611,596

06/30/2003

Jeremy L. Rover

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EXAMINER

OSMAN, RAMY M

ART UNIT

PAPER NUMBER

2157

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

02/09/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No.	Applicant(s)	
	10/611,596	ROVER ET AL.	
	Examiner	Art Unit	
	Ramy M. Osman	2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 June 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-43 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-43 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 June 2003 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Status of Claims

1. This action is responsive to application filed on June 30, 2003. Claims 1-43 are pending examination.

Drawings

2. The drawings filed on 7/9/2003 are acknowledged but are objected to. These drawings are considered informal. Figures 3 and 7 are unacceptable due to unreadable text.

Specification

3. The disclosure is objected to because of the following informalities:

Applicant is requested to correct the referenced related patent applications that are mentioned in Paragraph 1 and other subsequent paragraphs throughout the specification .

Appropriate correction is required.

Claim Objections

4. Claims 34-35 objected to because of the following informalities: The claims depend on claim 23 which seems to be improper. Appropriate correction is required.

Claim Rejections - 35 USC § 101

5. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 33-38 rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. For example, in claim 33 Applicant states: “an electronically accessible medium providing instructions...”. The “electronically accessible medium” is non-statutory because it is a medium that is used for storage of instructions and not provision of instructions. The limitation characterizes the medium as having an ability to perform an action, i.e. “provide”. However, a “medium” has no such capability. The medium is for storage purposes only, that when accessed by a computer can be executed by said computer to produce a useful, concrete and tangible result. Therefore, the “medium” as mentioned in the claims is not enabled to make the claim produce a useful, concrete and tangible result. (see MPEP 2106.01)

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7. **Claims 1-43 rejected under 35 U.S.C. 102(e) as being anticipated by Gai et al (US Patent No 6,697,360).**

8. In reference to claim 1, Gai teaches a method comprising:
receiving a description of a network component (column 10 lines 20-28); and

placing at least a portion of the received description into one of a plurality of sections of an electronic list of network components, each of the plurality of sections having a standard format (column 7 lines 60-67 and column 10 lines 43-50).

9. In reference to claim 2, Gai teaches the method of claim 1, wherein receiving the description of the network component includes receiving a description of a dynamic network device; and placing at least a portion of the received description into one of a plurality of sections includes placing the received description in a dynamic network device section of the electronic list of network components (column 7 lines 60-67 and column 10 lines 43-50).

10. In reference to claim 3, Gai teaches the method of claim 2, wherein the dynamic network device section includes a dynamic network device section element to describe a dynamic network device (column 8 lines 30-40 and column 10 lines 25-55).

11. In reference to claim 4, Gai teaches the method of claim 3, wherein the dynamic network device section element includes a data element to describe a network interface of the dynamic network device (column 8 lines 30-40).

12. In reference to claim 5, Gai teaches the method of claim 4, wherein the data element includes an information element to store a Media Access Control (MAC) address of the network interface of the dynamic network device (column 8 lines 30-40).

13. In reference to claim 6, Gai teaches the method of claim 1, wherein receiving the description of the network component includes receiving a description of a non-dynamic network device; and placing at least a portion of the received description into one of a plurality of sections includes placing the received description in a non-dynamic network device section of the electronic list of network components (column 7 lines 60-67 and column 10 lines 43-50).

14. In reference to claim 7, Gai teaches the method of claim 6, wherein the non-dynamic network device section includes a non-dynamic network device section element to describe a non-dynamic network device (column 8 lines 30-40).

15. In reference to claim 8, Gai teaches the method of claim 7, wherein the non-dynamic network device section element includes a data element to store IP address information associated with the non-dynamic network device (column 8 lines 30-40).

16. In reference to claim 9, Gai teaches the method of claim 1, wherein receiving the description of the network component includes receiving a description of a power management device; and placing at least a portion of the received description into one of a plurality of sections includes placing the received description in a power management device section of the electronic list of network components (column 7 lines 60-67 and column 10 lines 43-50).

17. In reference to claim 10, Gai teaches the method of claim 9, wherein the power management device section includes a list of power management devices (column 15 lines 15-45).

18. In reference to claim 11, Gai teaches the method of claim 10, wherein the power management device list includes an association element to specify a network component associated with the described power management device (column 15 lines 15-45).

19. In reference to claim 12, Gai teaches the method of claim 1, wherein receiving the description of the network component includes receiving a description of a hub; and placing at least a portion of the received description into one of a plurality of sections includes placing the received description in a hub section of the electronic list of network components (column 7 lines 60-67 and column 10 lines 43-50).

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20. In reference to claim 13, Gai teaches the method of claim 12, wherein the hub section includes a hub section element to describe a hub (column 7 lines 60-67 and column 10 lines 43-50).

21. In reference to claim 14, Gai teaches the method of claim 13, wherein the hub section element includes a data element having an association element to specify network components associated with the described hub (column 8 lines 30-40).

22. In reference to claim 15, Gai teaches the method of claim 1, wherein receiving the description of the network component includes receiving a description of a Virtual Local Area Network (VLAN) switch; and placing at least a portion of the received description into one of a plurality of sections includes placing the received description in a VLAN switch section of the electronic list of network components (column 11 lines 20-45).

23. In reference to claim 16, Gai teaches the method of claim 15, wherein the VLAN switch section includes a data element to describe the VLAN switch; and a data element to describe a port of the VLAN switch (column 11 lines 20-45).

24. In reference to claim 17, Gai teaches the method of claim 16, wherein the data element includes an association element to specify a network component associated with the described port (column 8 lines 30-40).

25. In reference to claim 18, Gai teaches the method of claim 1, wherein receiving the description of the network component includes receiving a description of a router; and placing at least a portion of the received description into one of a plurality of sections includes placing the received description in a router section of the electronic list of network components (column 7 lines 60-67 and column 10 lines 43-50).

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26. In reference to claim 19, Gai teaches the method of claim 18, wherein the router section includes a data element to specify a router; and a router interface data element to describe a router interface of the specified router (column 10 lines 25-55).

27. In reference to claim 20, Gai teaches the method of claim 1, wherein receiving the description of the network component includes receiving a description of a Dynamic Host Configuration Protocol (DHCP) server; and placing at least a portion of the received description into one of a plurality of sections includes placing the received description in a DHCP server section of the electronic list of network components (column 7 lines 60-67 and column 10 lines 43-50) .

28. In reference to claim 21, Gai teaches the method of claim 20, wherein the DHCP server section includes a DHCP server section element to describe the DHCP server (column 9 lines 35-45).

29. In reference to claim 22, Gai teaches the method of claim 21, wherein the DHCP server section element includes a data element to specify the DHCP server; and a DHCP server interface data element to describe an interface of the DHCP server (column 9 lines 35-45).

30. In reference to claims 23-32, claims 23-32 are network claims that correspond to the method claims of 1-22. Therefore, claims 23-32 are rejected based upon the same rationale as the rejections of claims 1-22.

31. In reference to claims 33-38, claims 33-38 are article of manufacture claims that correspond to the method claims of 1-22. Therefore, claims 33-38 are rejected based upon the same rationale as the rejections of claims 1-22.

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32. In reference to claims 39-43, claims 39-43 are system claims that correspond to the method claims of 1-22. Therefore, claims 39-43 are rejected based upon the same rationale as the rejections of claims 1-22.

Conclusion

33. The above rejections are based upon the broadest reasonable interpretation of the claims. Applicant is advised that the above specified citations of the relied upon prior art are only representative of the teachings of the prior art, and that any other supportive sections within the entirety of the reference (including any figures, incorporation by references, claims and priority documents) is implied as being applied to teach the scope of the claims.

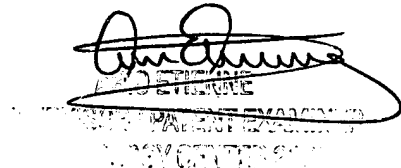
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ramy M. Osman whose telephone number is (571) 272-4008. The examiner can normally be reached on M-F 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

RMO
February 2, 2007

A handwritten signature in black ink is written over a rectangular official stamp. The stamp contains the text "UNITED STATES PATENT AND TRADEMARK OFFICE" and "WASHINGTON, DC 20503" in a grid-like format. The signature is a cursive-style name, possibly "A. J. [unclear]".